503825511 05/13/2016 PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3872161

SUBMISSION TYPE:		NEW ASSIGNMENT			
ATURE OF CONVEYAN	NCE:	ASSIGNMENT	ASSIGNMENT		
CONVEYING PARTY DA	ΑΤΑ				
		Name	Execution Date		
HAROLD E. MATTICE			03/13/2009		
CHAUNCEY W. GRISW	OLD		03/09/2009		
CHRISTIAN E. GADDA	02/20/2009				
RICHARD L. WILDER	03/16/2009				
JAMES W. STOCKDALE	3		03/09/2009		
RECEIVING PARTY DA	ТА				
Name:	IGT				
Street Address:	6355 S	6355 SOUTH BUFFALO DRIVE			
City:	LAS VE	EGAS			
State/Country:	NEVAD	A			
Postal Code:	89113				
	Total: 1	Number			
PROPERTY NUMBERS Property Type Application Number:		Number 15147467			
Property Type Application Number: CORRESPONDENCE D Fax Number:	ΑΤΑ	(312)269-1747			
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ASSIGNMENT OF PATENT APPLICATION

Whereas I, an undersigned inventor, have invented certain new and useful improvements as set forth in the patent application entitled:

METHOD AND APPARATUS FOR DETECTING LIFT OFF ON A TOUCHSCREEN

(Atty. Docket No. IGT1P511/ P-1284),

for which I have executed a U.S. patent application on even date herewith. (Accompanying)
 which bears U.S. application No.
 which is a U.S. provisional application.

For good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I, an undersigned inventor, hereby:

1) Sell, assign and transfer to IGT, a Nevada corporation, having a place of business at 9295 Prototype Drive, Reno, NV 89521-8986 ("ASSIGNEE"), the entire right, title and interest in any and all improvements and inventions disclosed in, applications based upon, and patents granted upon (including foreign patents and the right to claim priority), the above-referenced application.

2) Authorize and request the Commissioner of Patents to issue any and all United States Patents resulting from said application or any division, continuation, substitute, renewal, re-examination or reissue thereof to the ASSIGNEE.

3) Agree to execute all papers and documents and, entirely at the ASSIGNEE's expense, perform any acts which are reasonably necessary in connection with the prosecution of said application, as well as any derivative applications thereof, foreign applications based thereon, and/or the enforcement of patents resulting from such applications.

4) Agree that the terms, covenants and conditions of this assignment shall inure to the benefit of the ASSIGNEE, its successors, assigns and other legal representatives, and shall be binding upon the inventor, as well as the inventor's heirs, legal representatives and assigns.

5) Warrant and represent that I have not entered and will not enter into any assignment, contract, or understanding that conflicts with this assignment.

6) Authorize and request my attorney/agent to insert above the application No. in order to assist with recordal of this assignment.

Signed on the date indicated beside my signature.

Revised 01/02, Assign US Notary

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.IGT1P511/P-1284

1. Inventor Signature: 10. 200 Mattice Date: 3-13-69 Harold E. Mattice
State of Nevada)) ss.
County of WASHOE
On <u>3-13-09</u> before me, <u>Aro Vewart</u> , who personally appeared <u>Harola F. Martice</u> , who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.
I certify under PENALTY OF PERJURY under the laws of the State of Nevada that the foregoing paragraph is true and correct.
WITNESS my hand and official seal.
Notary Signature <u>Call Vewart</u> Notary Public - State of Nevada Appointment Recorded in Carson City No: 89-1038-3 - Expires May 22, 2012
2. Inventor Signature: Date:
Chauncey W. Griswold
Chauncey W. Griswold State of Nevada) County of
Chauncey W. Griswold State of Nevada)) County of) Ss.
Chauncey W. Griswold State of Nevada) State of
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Chauncey W. Griswold State of Nevada) State of Nevada State State of Nevada State

Revised 01/02, Assign US Notary

Page 2 of 4

.IGT1P511/ P-1284

1. Inventor Signature:		an faya ya ya ya da	Date:
Harold E. Mattice			
State of Nevada County of)))	SS.	
On	idence mowled hat by h h the po	to be the persor lged to me that is/her/their sign erson(s) acted, e	, who (s) whose name(s) is/are he/she/they executed the same in hature(s) on the instrument the executed the instrument.
I certify under PENALTY OF PERJURY u paragraph is true and correct.	nder m	e laws of the St	ate of Nevada that the foregoing
WITNESS my hand and official sea	11.		
Notary Signature			
2. Inventor Signature: Chauncey W Griswa	n je je je old	weld	Date: <u>ころ-09-09</u>
State of Nevada)		
County of $\mathcal{WASH0E}$ On $\mathcal{3-9-09}$ before me, (personally appeared Chaundey \mathcal{W} . proved to me on the basis of satisfactory ev subscribed to the within instrument and ack his/her/their authorized capacity(ies), and the	<i>Gel</i> idence nowled	s <i>wo /o</i> / to be the person ged to me that l	(s) whose name(s) is/are he/she/they executed the same in
person(s), or the entity upon behalf of which	h the pe	rson(s) acted, e	xecuted the instrument.
I certify under PENALTY OF PERJURY uparagraph is true and correct.	nder the	e laws of the Sta	ate of Nevada that the foregoing

WITNESS my hand and official seal.

Teward Notary Signature



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.IGT1P511/ P-1284

PATENT REEL: 038583 FRAME: 0565

3. Inventor Signature:	Date: <u>02.20.09</u>
State of Nevada)	
County of <u>ARK</u> On <u>3 30 09</u> before me, <u>Till</u> personally appeared <u>Christian E. GA</u> proved to me on the basis of satisfactory evidence to be the person subscribed to the within instrument and acknowledged to me that I his/her/their authorized capacity/ier) and that hy his/her/their authorized	he/she/they executed the same in
his/her/their authorized capacity(ies), and that by his/her/their sign person(s), or the entity upon behalf of which the person(s) acted, e	executed the instrument.
I certify under PENALTY OF PERJURY under the laws of the Sta paragraph is true and correct.	ate of Nevada that the foregoing
WITNESS my hand and official seal.	Notary Public - State of Nevada County of Clark JILL P. REITH My Appointment Expires No: 92-4232-1 August 31, 2012
4. Inventor Signature: <u>La MULE</u> Richard L. Wilder	Date: - <u>2/11-/05</u>
State of Nevada)	
) ss.) Ss.)	
On <u>3-16-09</u> before me, <u>arol Stewar</u>	t.

personally appeared <u>*Richard L. Wildee*</u>, who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of Nevada that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

Unil Notary Signature _



CAROL STEWART Notary Public - State of Nevada Appointment Recorded in Carson City No: 89-1038-3 - Expires May 22, 2012

Revised 01/02, Assign US Notary

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.IGT1P511/ P-1284

PATENT REEL: 038583 FRAME: 0566

5. Inventor Signature:	Stockcl.l.	Date: <u>3/9/09</u>	
State of Nevada)		
County of WASHOE) ss.	,	
On <u>3-9-09</u> before personally appeared <u>James</u>	e me, ARol Ver	vart	- 9
personally appeared <u>James</u>	W. Stockdale		, who
proved to me on the basis of satisfac	tory evidence to be the perso	on(s) whose name(s) is/are	į.
subscribed to the within instrument a	and acknowledged to me that	t he/she/they executed the	como ir

subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of Nevada that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

Newaul a4.0 Notary Signature _



Revised 01/02, Assign US Notary

.IGT1P511/ P-1284

PATENT REEL: 038583 FRAME: 0567

CERTIFICATE OF ASSISTANT SECRETARY IGT

The undersigned, being the duly appointed Assistant Secretary of IGT, a Nevada corporation, (the "Company") does hereby certify that:

The principal place of business of IGT is 6355 South Buffalo Drive, Las Vegas, NV 89113 effective November 28, 2011.

Dated this 25th day of June, 2013.

J. Kenheth Creighton Assistant Secretary

> PATENT REEL: 038583 FRAME: 0568

RECORDED: 05/13/2016